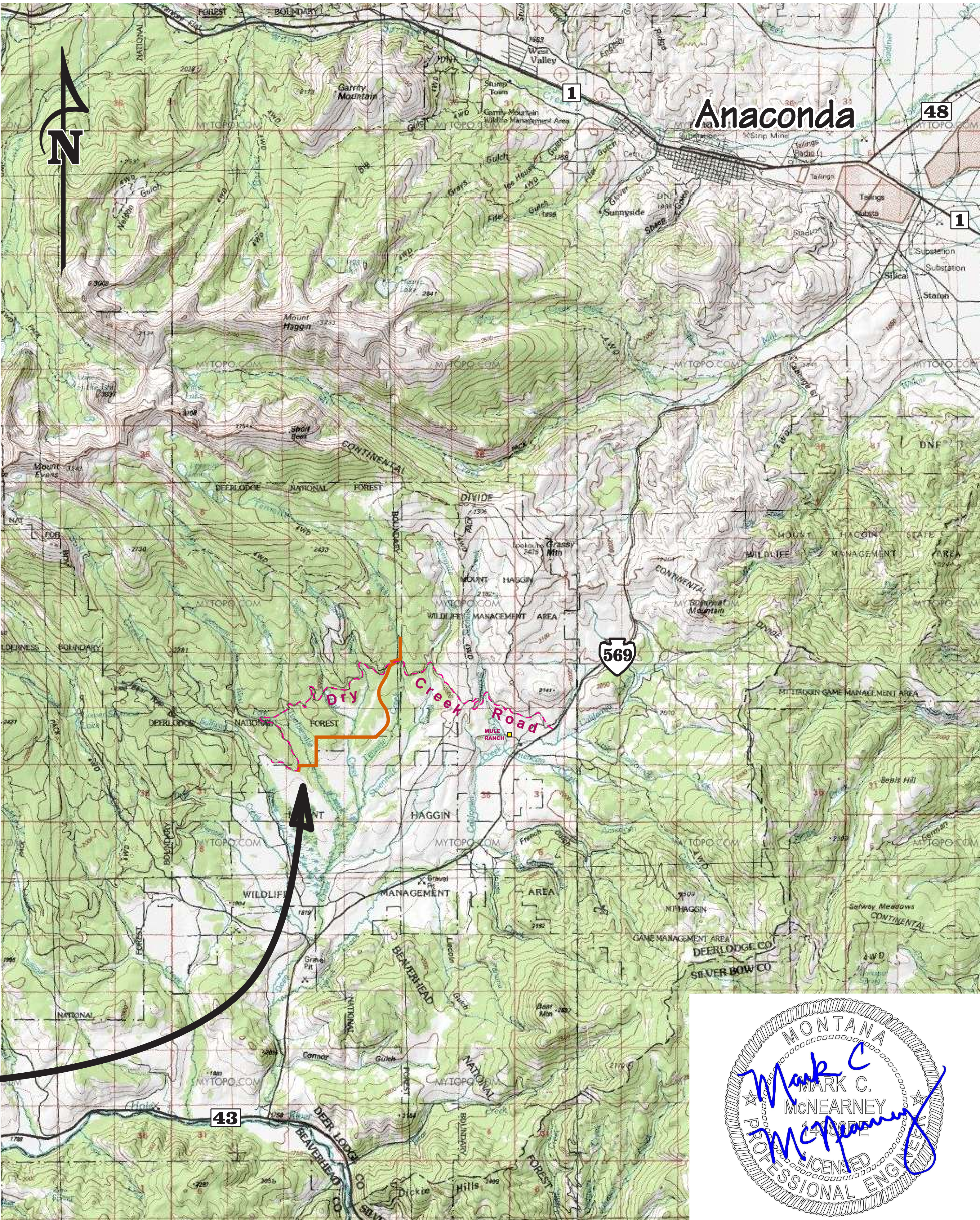


Mount Haggin WMA

Tenmile Creek Boundary Fence



Project Location

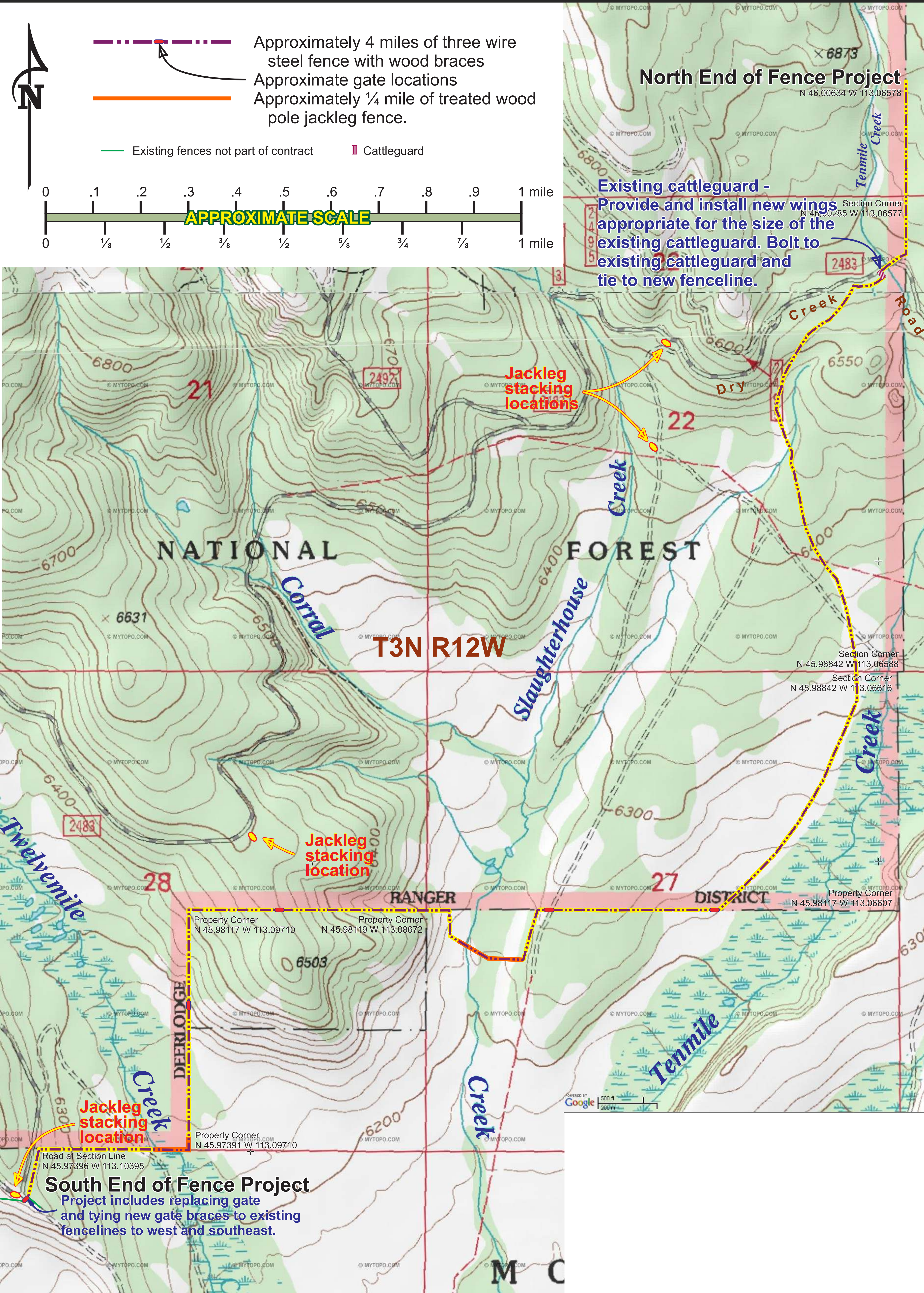


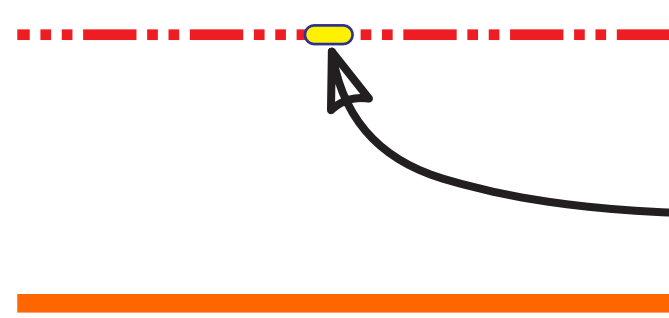
D. Stinson	July, 2012				
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Checked by:	Date:	Approved by:	Date:	Approved by:	Date:



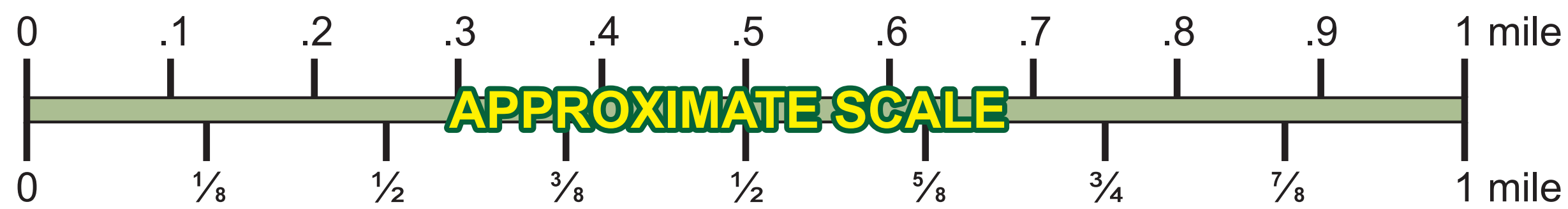
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Tenmile Pasture Boundary Fence
Mount Haggin WMA
FWP# 7095307





Approximately 3½ miles of three wire steel fence with wood braces
Approximate gate locations
Approximately ¼ mile of treated wood pole jackleg fence.



North End of Fence Project

Existing cattleguard - Provide and install new wings appropriate for the size of the existing cattleguard. Bolt to existing cattleguard and tie to new fenceline.

Jackleg stacking locations

Jackleg stacking location

Jackleg stacking location

South End of Fence Project

Project includes replacing gate and tying new gate braces to existing fencelines to west and southeast.



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Tenmile Pasture Boundary Fence Mount Haggin WMA

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SHEET: 3 of 7

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Date:

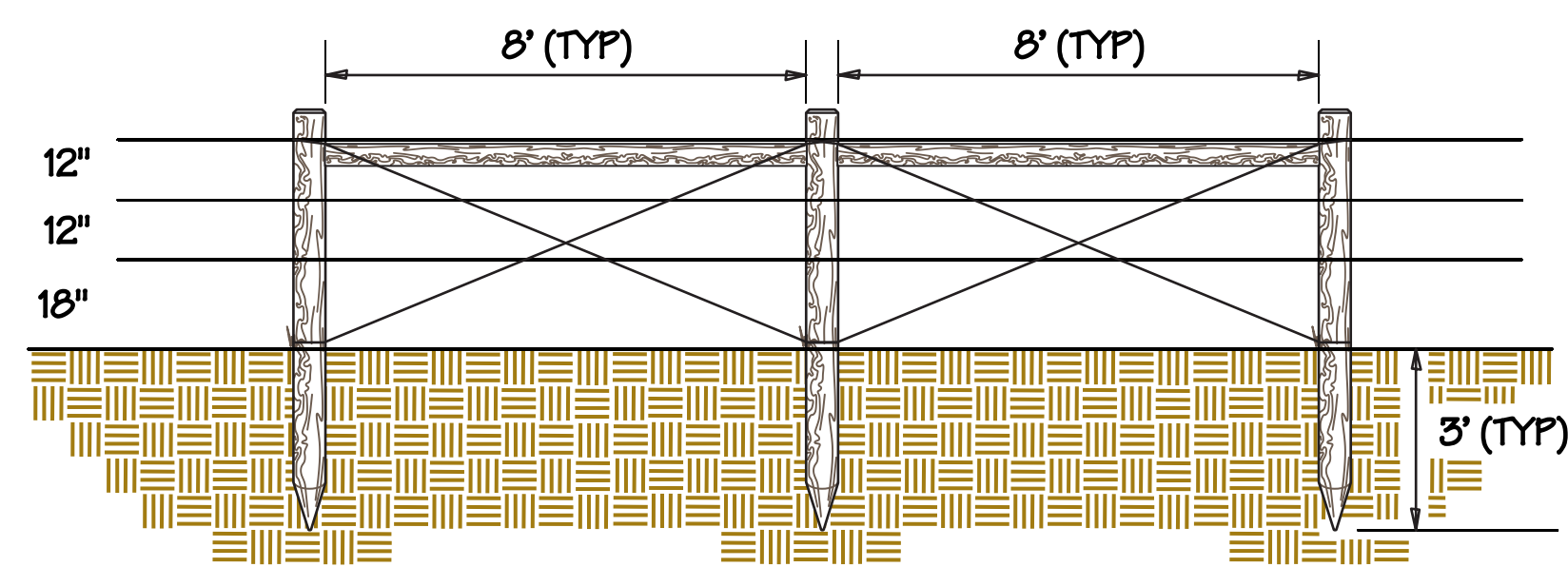
Approved by:

Date:

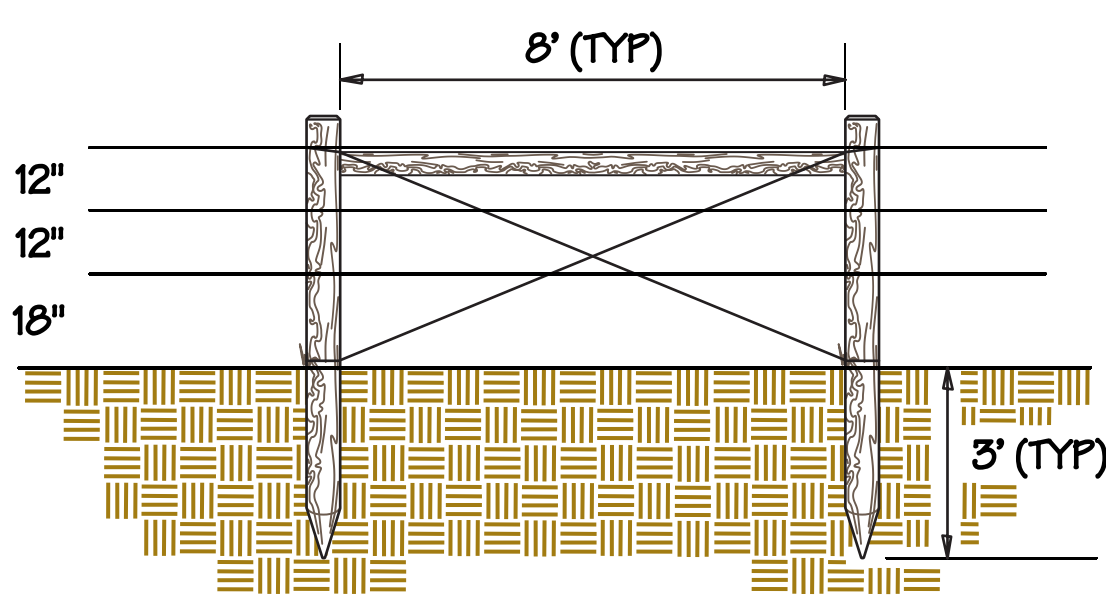
THREE WIRE FENCE DETAILS

7' Wood Posts (typ.) with 5½' steel posts
(Not to Scale)

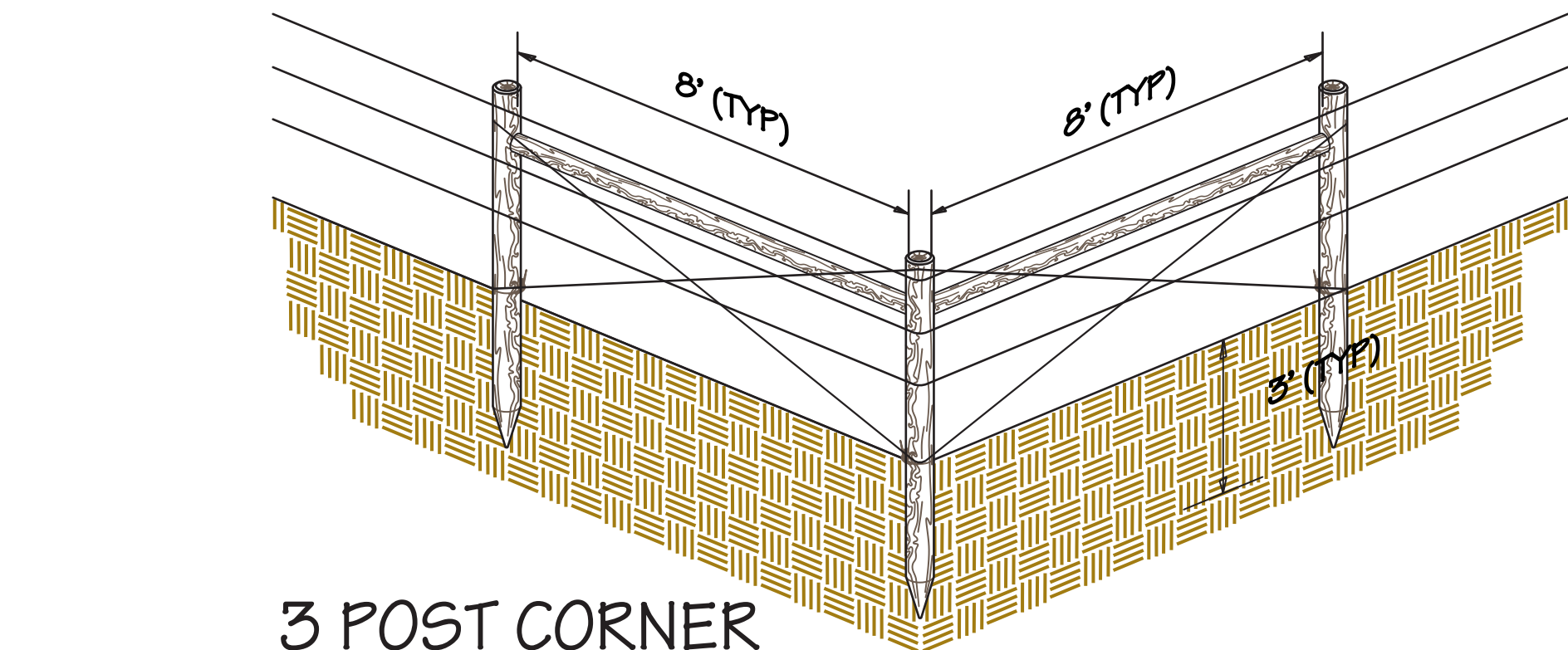
Top and middle wires to be two strand twisted barbed wire.
Bottom wire to be two strand, twisted smooth wire.
Spacing interval from ground up to be 18"/12"/12".



DOUBLE BRACE PANEL

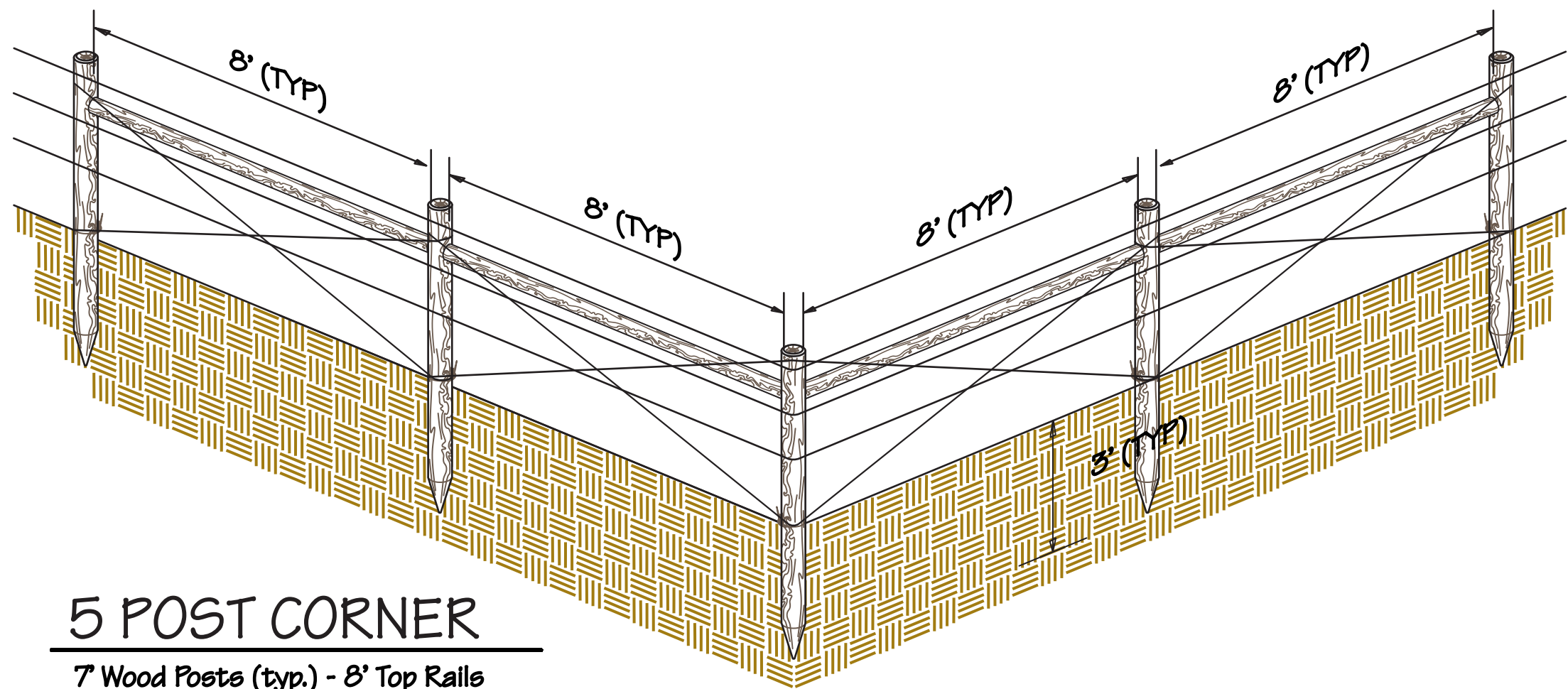


SINGLE BRACE PANEL



3 POST CORNER

7' Wood Posts (typ.) - 8' Top Rails



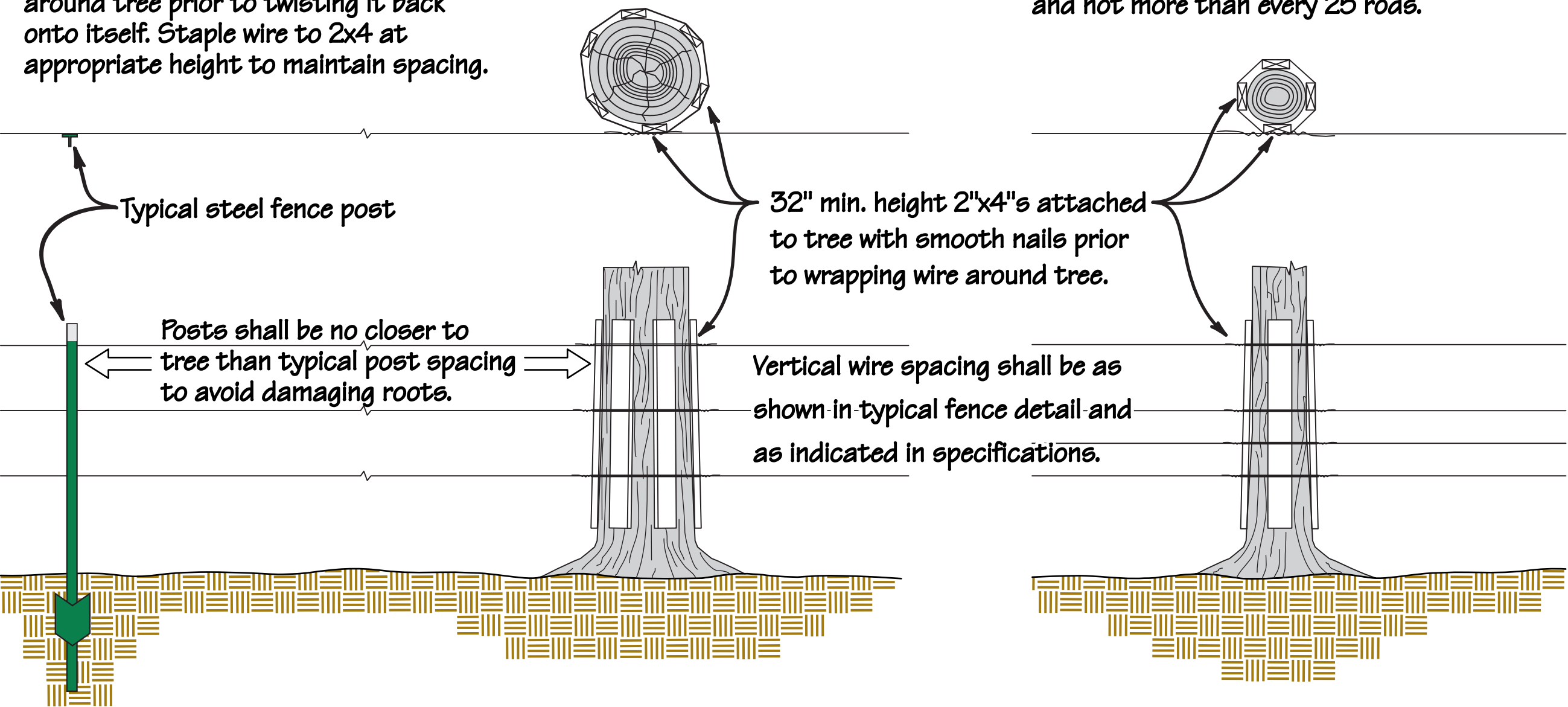
5 POST CORNER

7' Wood Posts (typ.) - 8' Top Rails

Scab untreated 2"x4"s to tree with smooth nails. Wrap fence wire around 2x4 such that wire does not contact the tree trunk. Wrap each wire twice around tree prior to twisting it back onto itself. Staple wire to 2x4 at appropriate height to maintain spacing.

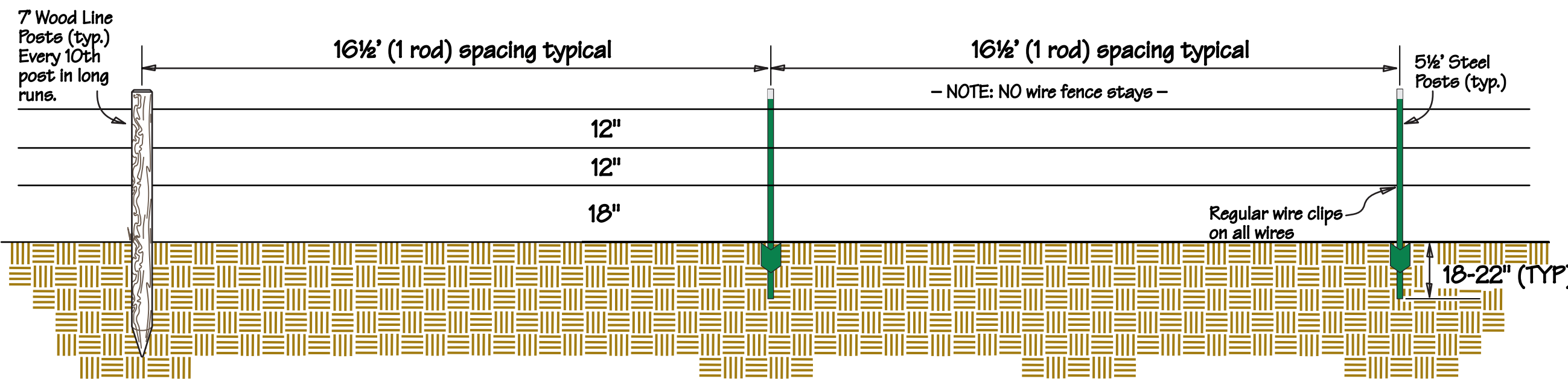
Minimum tree diameter for anchor point shall be at least 8" in the smallest dimension.

Use trees which align with existing fence line. Fence line may be adjusted to the FWP side up to 12" out of alignment to align with anchor trees only where necessary to anchor, and not more than every 25 rods.



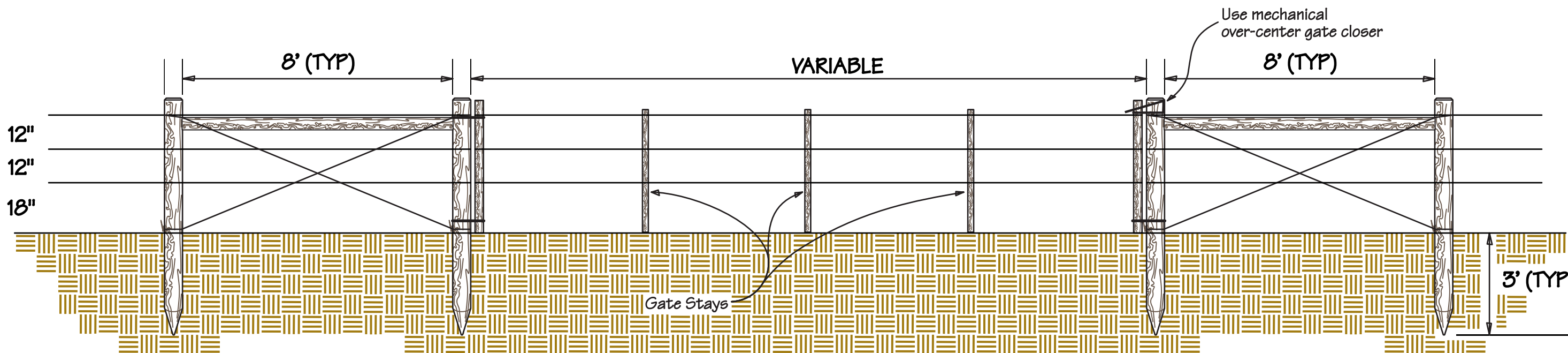
Typical Tree Anchor Detail

(Not To Scale)



Three Wire Spacing and Intermediate Steel Posts and Wood Line Posts

5½' Steel Posts and 7' Wood Posts (typ.)



TYPICAL THREE WIRE GATE

7' Wood Posts (typ.)

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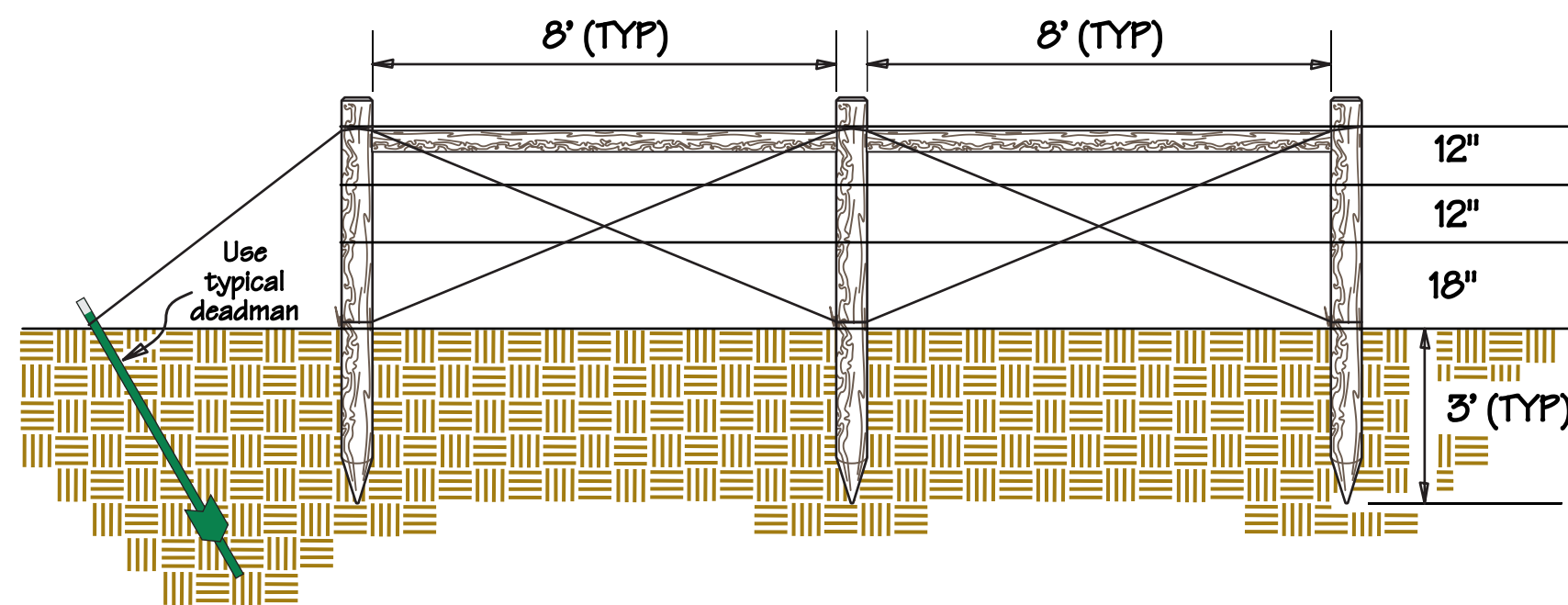
Tenmile Pasture Boundary Fence
Mount Haggin WMA
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7

THREE WIRE FENCE DETAILS

7' Wood Posts (typ.) with 5½' steel posts
(Not to Scale)

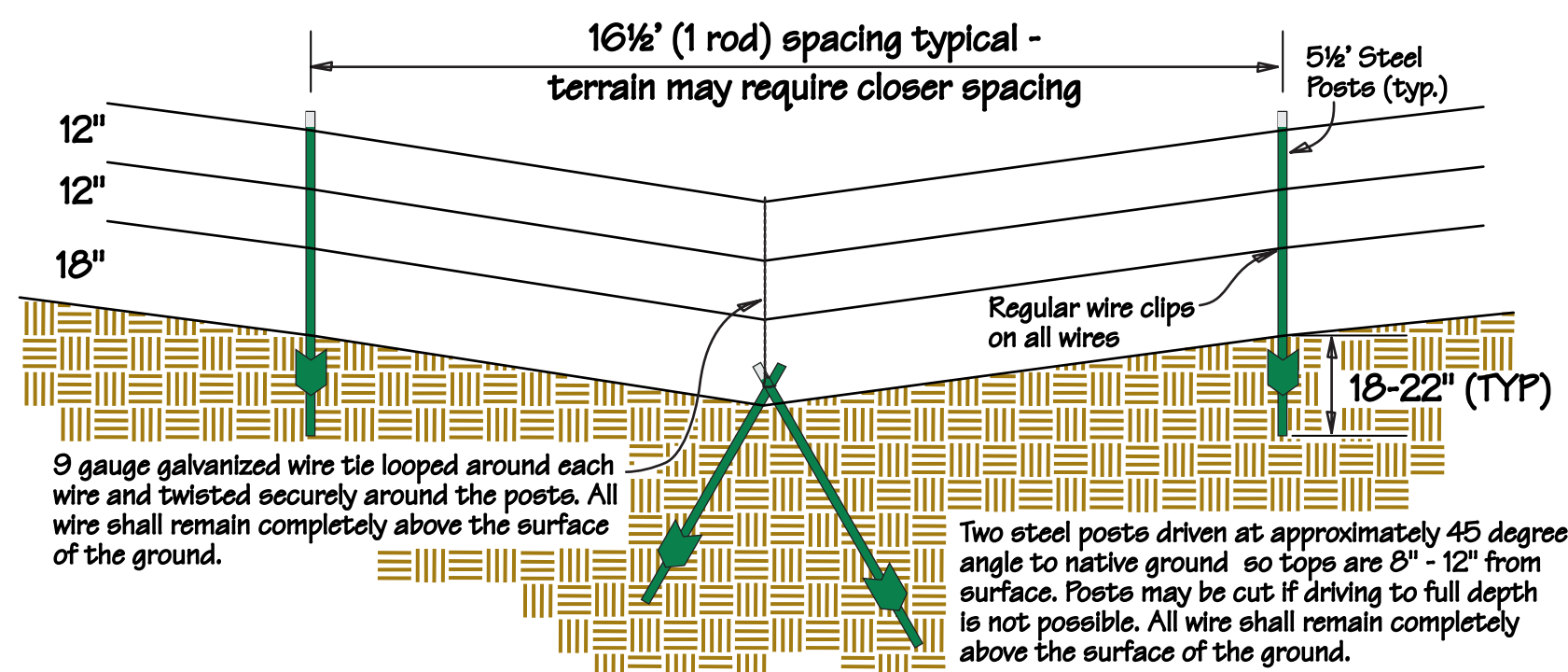
Top and middle wires to be two strand twisted barbed wire.
Bottom wire to be two strand, twisted smooth wire.
Spacing interval from ground up to be 18"/12"/12".



DOUBLE BRACE END OF DRIFT FENCE

7' Wood Posts (typ.) - (Not to Scale)

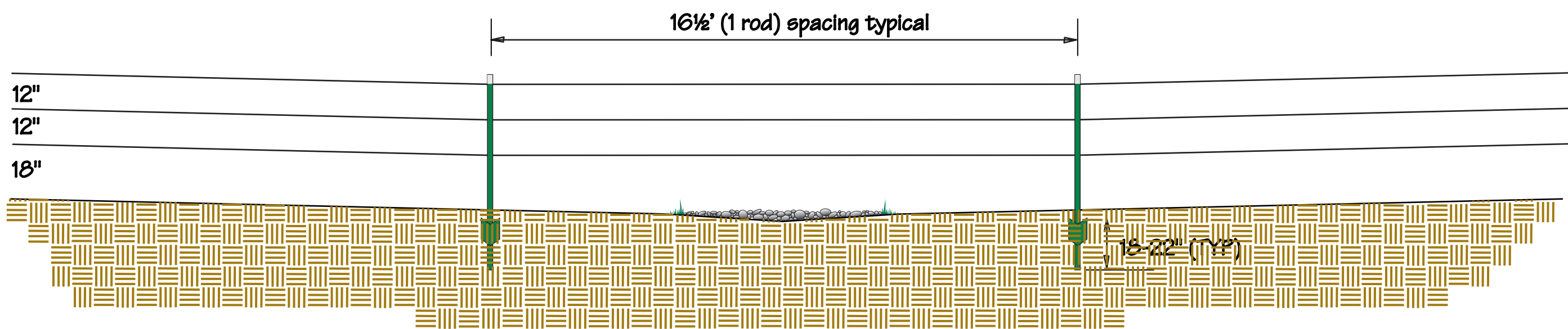
To be used at north end of project.



Typical Steel Post 3-Wire Deadman Anchor Detail

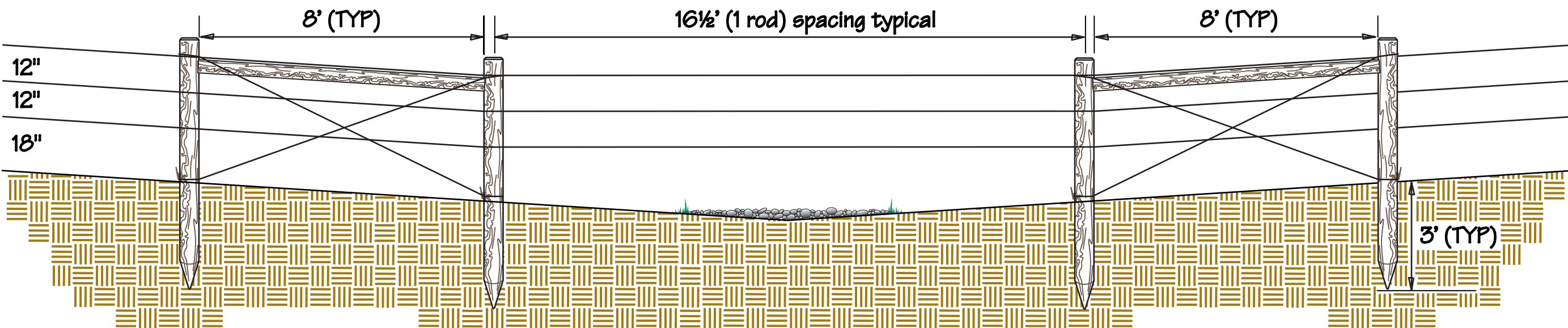
5½' Steel Posts (typ.)

Other deadman styles are allowed. Confirm acceptability of specific designs with Project Manager prior to use.



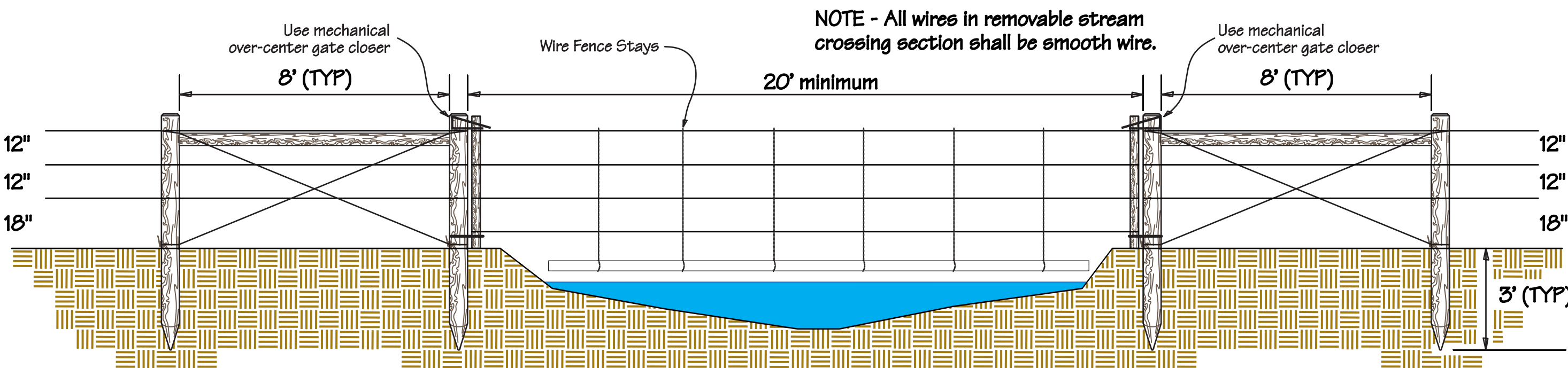
16 Ft MINOR DRAINAGE CHANNEL without SLOPE CHANGE

7' Wood Posts (typ.) - (Not to Scale)



16 Ft MINOR DRAINAGE CHANNEL at SLOPE CHANGE

7' Wood Posts (typ.) - (Not to Scale)



Removable Stream Crossing - 20 foot minimum

7' Wood Posts (typ.) - (Not to Scale)

To be used at fence crossing of Tenmile Creek.

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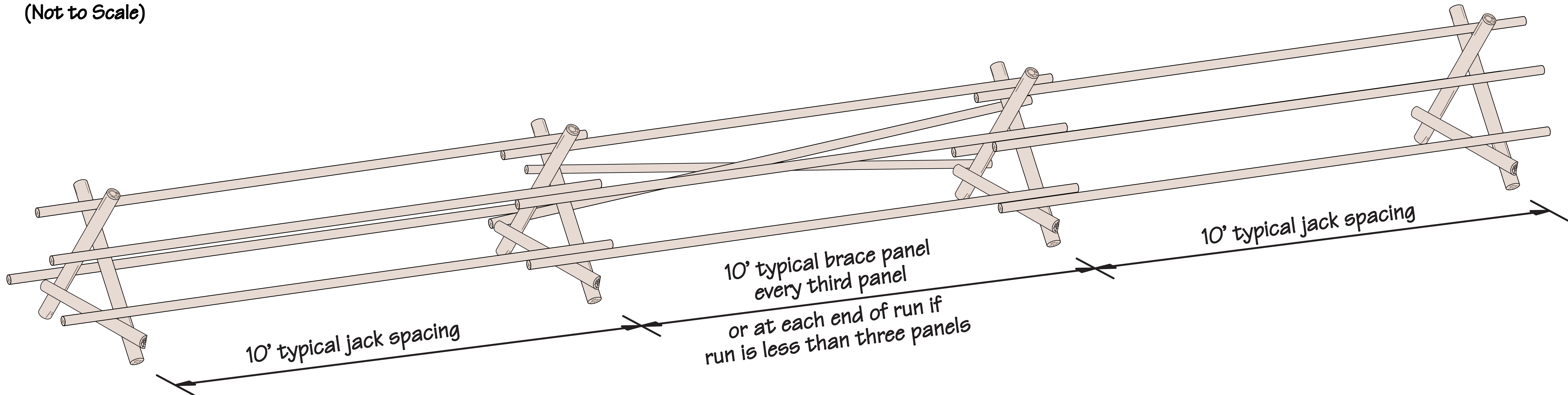
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Mount Haggin WMA
FWP# 7095307

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of
7

RAIL JACKLEG FENCE - Details

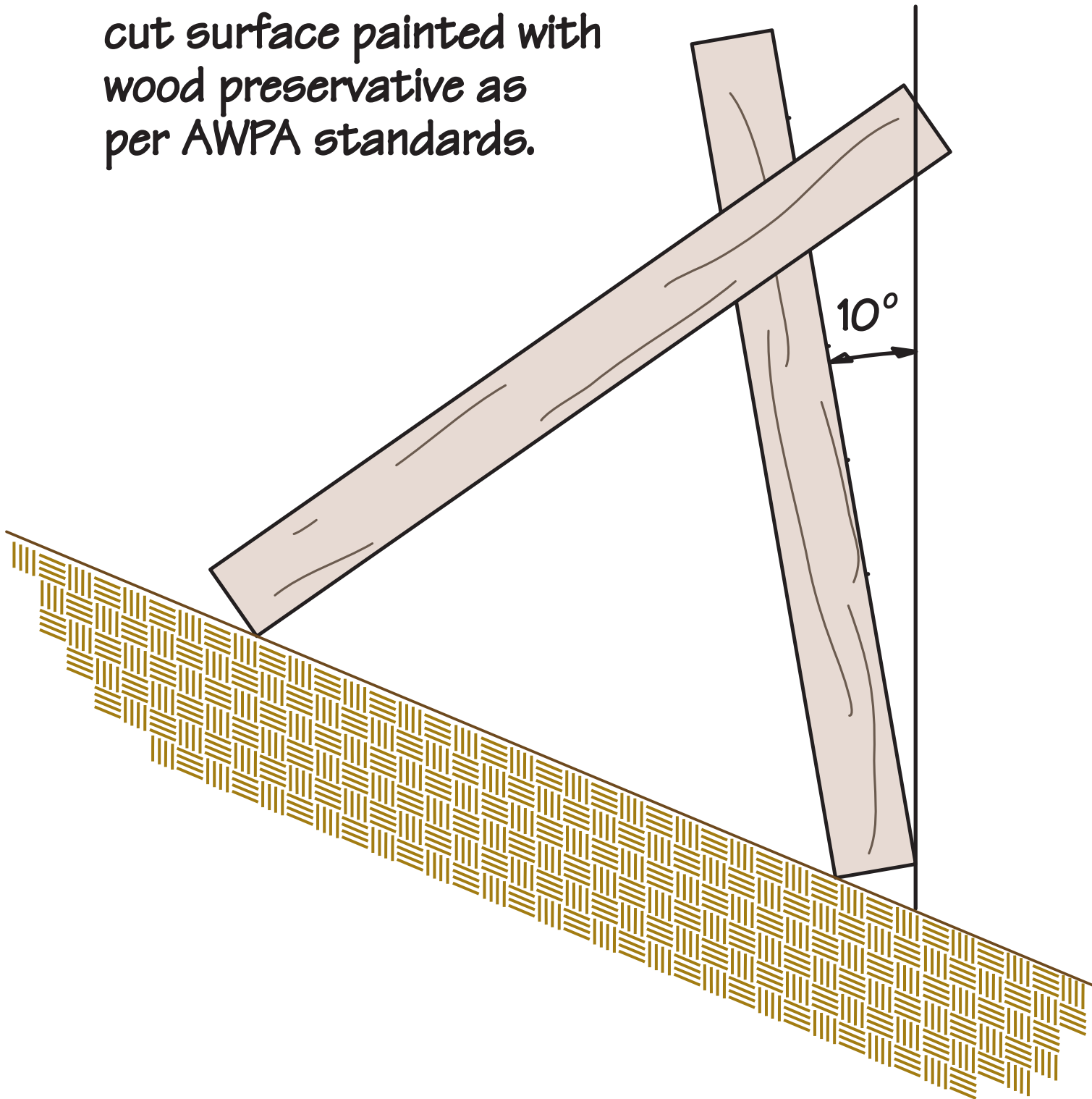
(Not to Scale)



NOTES:

- All jacks, rails, and braces shall be treated to AWP Standards. Certification shall be provided to Project Manager in advance of installation.
- Install entire jack leg fence width on FWP property. Ensure jack legs and pedestrian pass posts are within FWP property boundary.
- Any in-field notching or cutting of posts or rails shall be coated with an approved AWP treatment.
- When 'Double Jacks' are specified, jacks shall be installed at half of standard spacing, and rails shall be spaced evenly across jacks.

Angle of fence face shall not be steeper than 10° from vertical. If Face is too steep, rear post should be cut off at bottom and cut surface painted with wood preservative as per AWP standards.

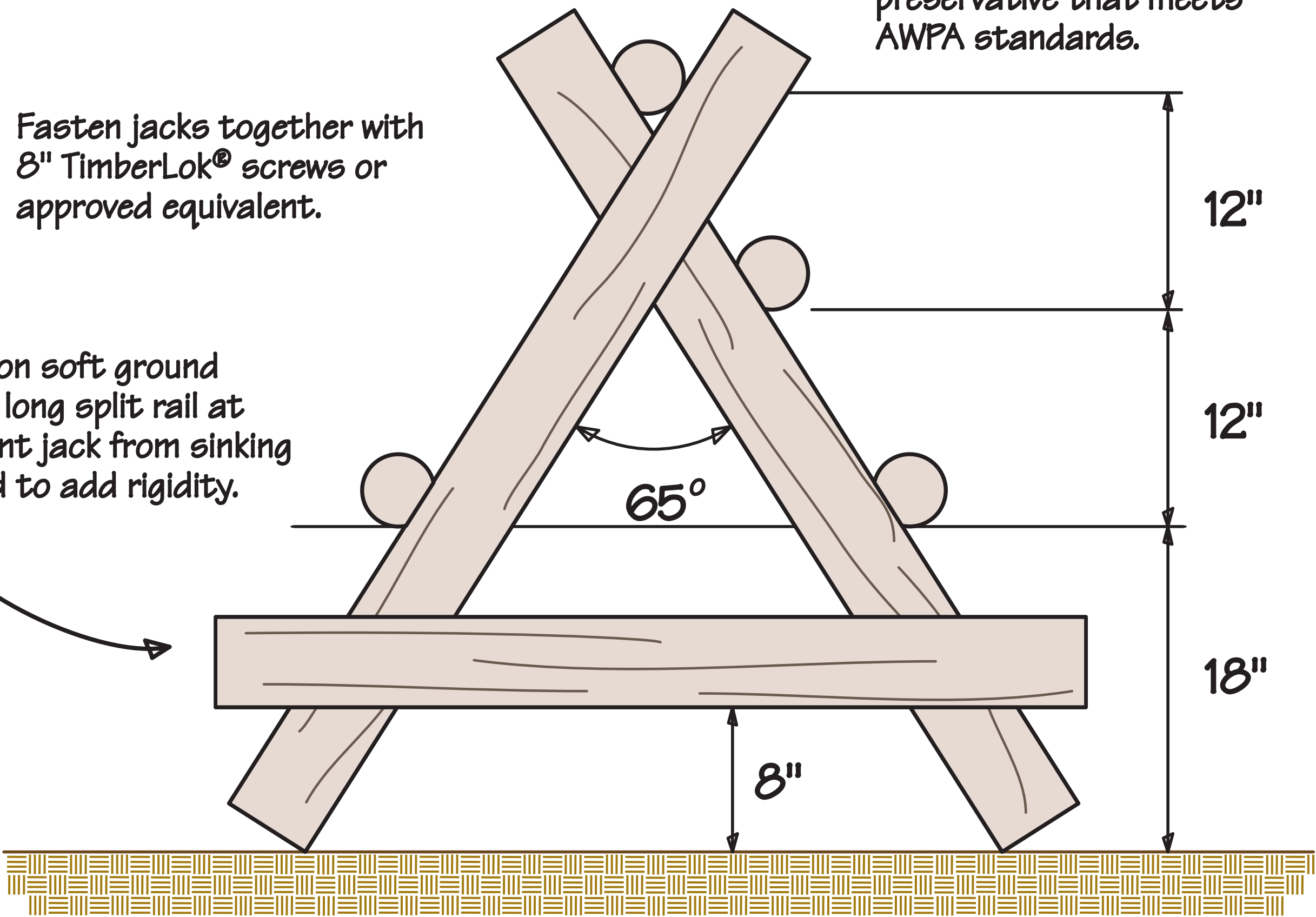


Jack posts min 5" diameter, 52" long, peeled, machine notched and butt treated per AWP standards.

Jack posts must be machine notched at joints to provide secure attachment. Notched areas shall be painted with a preservative that meets AWP standards.

Fasten jacks together with 8" TimberLok® screws or approved equivalent.

All jacks placed on soft ground shall have a 48" long split rail at bottom to prevent jack from sinking or spreading and to add rigidity.



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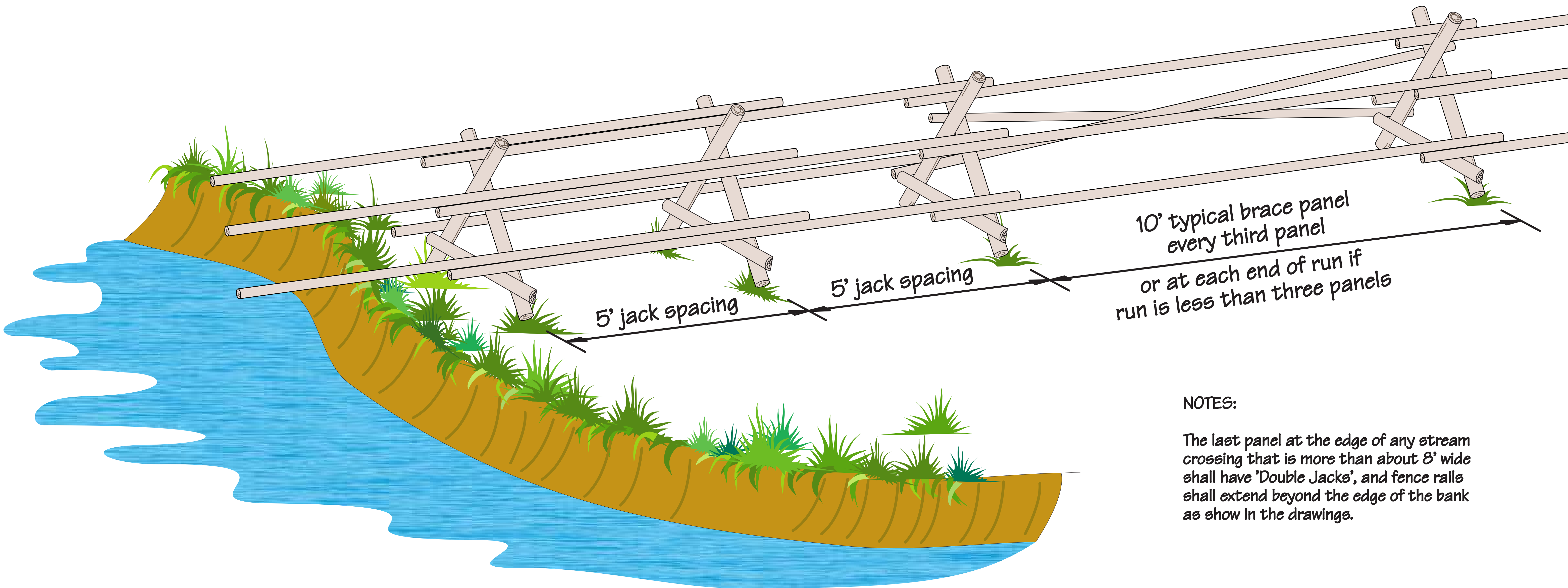
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Mount Haggin WMA
FWP# 7095307

RAIL JACKLEG FENCE - Stream Intersection

(Not to Scale)

To be used at fence crossings of
Corral Creek and Twelvemile Creek



NOTES:

The last panel at the edge of any stream crossing that is more than about 8' wide shall have 'Double Jacks', and fence rails shall extend beyond the edge of the bank as show in the drawings.

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